STIC Search Report
EIC 3600

TO: Andrew Fischer **Location: KNX 5C05** **Art Unit : 3627** **Tuesday, August 16, 2005** **Case Serial Number: 10/025943**	**From: Caryn Wesner-Early** **Location: EIC 3600** **Knox Rm.. 4B71** **Phone: 272-3543** **caryn.wesner-early@uspto.gov**

Search Notes

If a modification or re-focus of this search is needed, please let me know.

Caryn S. Wesner-Early, MSLS
Technical Information Specialist
EIC 3600, US Patent & Trademark Office
Phone: (571) 272-3543
Fax: (571) 273-0046
caryn.wesner-early@uspto.gov

Considered
ajf 8/22/05

EIC 3600 COMMERCIAL DATABASE SEARCH REQUEST

(47)

⊠ **RUST - SPE signature required:** _Ullaude, Ceronski_ &13627

Staff Use Only

Access DB# : √2546

Business Methods Case: 705/ _16, Cross 705/15,17,18,21,_ Log Number: _____

Write in 705 subclass(es) to search required files for 705 cases or cases cross referenced in 705.

Requester's Full Name: _Andrew Fischer_   Examiner # : ___75586___   Date: _August 15, 2005_

Art Unit: ___3627___   Phone Number: _(571) 272-6779_   Serial Number: _10/025,943_

Bldg & Room #: _KNX 5C-05_   Results Format Preferred: PAPER ⊠   DISK ☐   E-MAIL ☐

If more than one search is submitted, please prioritize searches in order of need.

Provide the PALM Bib page or the following: (Total Pages including this sheet: 8)

   Title of Invention: _____ Bib Data Sheet Attached _____|

   Inventors (provide full names) : _____|

Earliest Priority Filing Date: ___12/26/01_____|

Requested attachments:

- If possible, provide the cover sheet, the IDS, examples, or relevant citations, authors, etc, if known.
- Please attach copies of the parts of this case that help explain or are <u>most pertinent to this search.</u> Examples are: **abstract, background, summary, claim(s) [*not* all of the claims].**

   Abstract, Background of the Invention, Figures 8 & 9, and claim 19 included.

The claimed or apparent novelty of the invention is:

A self service checkout that has a user interface, a scanner, a bag retainer below the user interface; a scale below the bag retainer; and a basket below the scale. The order is important. See the end of claim 19.

This search should focus on:
   (Also include keywords or synonyms)

Self checkouts that are narrow and take up little space.

Note: The assignee is NCR.

If you have any questions or need help with keywords, please feel free to contact me.

Special Instructions or Other Comments

COMPLETE INTERNET & PRIOR ART SEARCH REQUESTED
Please include a copy of this sheet in your search report.

```
? show files;ds
File 347:JAPIO Nov 1976-2005/Apr(Updated 050801)
         (c) 2005 JPO & JAPIO
File 348:EUROPEAN PATENTS 1978-2005/Aug W01
         (c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20050811,UT=20050804
         (c) 2005 WIPO/Univentio
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200552
         (c) 2005  Thomson Derwent
File 371:French Patents 1961-2002/BOPI 200209
         (c) 2002 INPI.  All rts. reserv.
File 120:U.S. Copyrights 1978-2005/Aug 16
         (c) format only 2005 Dialog
File 426:LCMARC-Books 1968-2005/Aug W3
         (c) format only 2005 Dialog
File 430:British Books in Print 2005/Aug W1
         (c) 2005 J. Whitaker & Sons Ltd.
File 483:Newspaper Abs Daily 1986-2005/Aug 15
         (c) 2005 ProQuest Info&Learning
File  35:Dissertation Abs Online 1861-2005/Jul
         (c) 2005 ProQuest Info&Learning
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
         (c) 2002 The Gale Group
File  65:Inside Conferences 1993-2005/Aug W2
         (c) 2005 BLDSC all rts. reserv.
File   2:INSPEC 1969-2005/Aug W1
         (c) 2005 Institution of Electrical Engineers
File 256:TecInfoSource 82-2005/Jul
         (c) 2005 Info.Sources Inc
File  99:Wilson Appl. Sci & Tech Abs 1983-2005/Jul
         (c) 2005 The HW Wilson Co.
File 474:New York Times Abs 1969-2005/Aug 15
         (c) 2005 The New York Times
File 475:Wall Street Journal Abs 1973-2005/Aug 15
         (c) 2005 The New York Times
File  15:ABI/Inform(R) 1971-2005/Aug 16
         (c) 2005 ProQuest Info&Learning
File   9:Business & Industry(R) Jul/1994-2005/Aug 15
         (c) 2005  The Gale Group
File 610:Business Wire 1999-2005/Aug 16
         (c) 2005 Business Wire.
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File  20:Dialog Global Reporter 1997-2005/Aug 16
         (c) 2005 Dialog
File 990:NewsRoom Current Apr 1 -2005/Aug 16
         (c) 2005 Dialog
File 476:Financial Times Fulltext 1982-2005/Aug 16
         (c) 2005 Financial Times Ltd
File 275:Gale Group Computer DB(TM) 1983-2005/Aug 16
         (c) 2005 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2005/Aug 16
         (c) 2005 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2005/Aug 15
         (c) 2005 The Gale Group
File  16:Gale Group PROMT(R) 1990-2005/Aug 15
         (c) 2005 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2005/Aug 16
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Set	Items	Description
S1	285	AU='WALTER J':AU='WALTER J F'
S2	157	AU='WALTER J FREY':AU='WALTER J WIECZERNIAK'
S3	13	AU='WALTER J WOJCIK':AU='WALTER J.B.'
S4	4	AU='WALTER J.B.':AU='WALTER J.L.'
S5	19	AU='WALTER JOANNE':AU='WALTER JOANNE SYNOWSKY'
S6	5	AU='WALTER JR'
S7	320	AU='WALTER, J':AU='WALTER, J. C.'
S8	189	AU='WALTER, J. D':AU='WALTER, J.C.'
S9	132	AU='WALTER, J.D.':AU='WALTER, J.M.'
S10	51	AU='WALTER, J.M.':AU='WALTER, J.W.'
S11	9	AU='WALTER, JOAN':AU='WALTER, JOAN, 1942-'
S12	0	AU='WALTER, JOANNE'
S13	6	AU='WALTER, JR'
S14	295	AU='MORRISON J':AU='MORRISON J.S.'
S15	115	AU='MORRISON JAMES':AU='MORRISON JAMES W'
S16	4	AU='MORRISON JIM'
S17	677	AU='MORRISON, J':AU='MORRISON, J. R.'
S18	501	AU='MORRISON, J. R.':AU='MORRISON, J.W.JR'
S19	343	AU='MORRISON, JAMES':AU='MORRISON, JAMES FREDERIC'
S20	227	AU='MORRISON, JAMES FREDERIC':AU='MORRISON, JAMES RICHARD, 1958-'
S21	134	AU='MORRISON, JAMES RICHARD, 1958-':AU='MORRISON, JAMES, 1-960-'
S22	151	AU='MORRISON, JIM':AU='MORRISON, JIMMY 3RD, 1943-'
S23	4	AU='MORRISON, JO'
S24	1599	AU='LIN H':AU='LIN H -'
S25	17	AU='LIN H J':AU='LIN H J J'
S26	1	AU='LIN H-J'
S27	12	AU='LIN HORNG J':AU='LIN HORNG JAU'
S28	5	AU='LIN HORNG-JAAN':AU='LIN HORNG-JAU'
S29	40	AU='LIN, H'
S30	3	AU='LIN, H J'
S31	1056	AU='LIN, H.':AU='LIN, H. (EDITOR)'
S32	17	AU='LIN, H. J':AU='LIN, H. J.'
S33	96	AU='LIN, H.-J':AU='LIN, H.-J. L.'
S34	43	AU='LIN, H.J.'
S35	5	AU='LIN, H-J'
S36	3	AU='LIN, HORNG-JAU'
S37	0	AU='LIN, HORNG JAAN'

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S38      6491    S1:S37
S39      2461    S38 FROM 347,348,349,350,371
S40        84    IC=G06F-017?
S41        84    S39 AND S40
S42        33    (SELF OR SELF()SERV??? OR DO()IT()YOURSELF OR DIY)(N)(CHEC-
                 KOUT? ? OR CHECKSTAND? ? OR CHECK()(OUT? ? OR STAND? ?) OR CA-
                 SH()REGISTER? ? OR ECR OR EPOS OR CASHREGISTER? ? OR RING???(-
                 )UP OR RINGUP)
S43         9    S41 AND S42
S44         9    IDPAT (sorted in duplicate/non-duplicate order)
S45         7    IDPAT (primary/non-duplicate records only)
S46      4030    S38 NOT S39
S47         0    S42 AND S46
S48       395    GUI OR INPUT? ? OR INPUTT??? OR (USER OR GRAPHIC??)(2W)(IN-
                 TERFACE? ? OR INTERACT? OR CONNECT? OR DISPLAY? ?) OR SCREEN?
                 ? OR MONITOR? ? OR TOUCHPAD? ? OR TOUCHSCREEN? ? OR KEYBOARD?
                 ? OR KEYPAD? ? OR (KEY OR TOUCH)()(PAD? ? OR BOARD? ?)
S49        97    S46 AND S48
S50        67    SCANNER? ? OR WAND??? OR (LABEL? OR TAG? ? OR CODE? ? OR B-
                 ARCODE? ? OR UPC OR SKU)()READER? ? OR OCR
S51         2    S49(S)S50
S52         2    S49 AND S50
S53         5    S46 AND S50
S54         5    S53 NOT PY>2001
S55         5    S54 NOT PD=20011227:20050930
S56         4    RD (unique items)
S57        11    S45 OR S56
```

Considered qpf 8/19/05

57/3,K/1   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

015616348   **Image available**
WPI Acc No: 2003-678505/200364
XRPX Acc No: N03-541686
   Self - checkout **system for retail stores, includes customer interface
   terminal and security scale that are supported by housing and are
   vertically oriented with respect to each other on housing**
Patent Assignee: NCR CORP (NATC)
Inventor: **LIN H J ; MORRISON J ; WALTER J**
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind Date   Applicat No   Kind   Date   Week
US 20030120547 A1   20030626 US 200125943   A   20011226 200364 B

Priority Applications (No Type Date): US 200125943 A 20011226
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 20030120547 A1   14 G06F-017/60

   Self - checkout **system for retail stores, includes customer interface
   terminal and security scale that are supported by...**
Inventor: **LIN H J ...**

... **MORRISON J ...**

... **WALTER J**

Abstract (Basic):
...   The drawing shows a block diagram of an illustrative **self -
   checkout** system...
International Patent Class (Main): **G06F-017/60**

57/3,K/2   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014603861   **Image available**
WPI Acc No: 2002-424565/200245
XRPX Acc No: N02-333758
   Self - service   checkout **system operating method for supermarket
   industry, involves coupling kiosk type information terminal and automated
   teller machine with scanner to enter number of** items for purchase
Patent Assignee: NCR CORP (NATC)
Inventor: ADDY J C; **MORRISON J ;** SADLER R F
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 6363355   B1   20020326 US 98217539   A   19981221 200245 B

Priority Applications (No Type Date): US 98217539 A 19981221
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 6363355   B1   15 G06F-017/60

Caryn S. Wesner-Early EIC 3600   16-Aug-05   page 1

Self - service   checkout **system operating method for supermarket industry, involves coupling kiosk type information terminal and automated teller...**
...Inventor: **MORRISON J**

Abstract (Basic):
...   her items for purchase, into the terminals, so that labor is reduced. Hence an improved **self - service   checkout** system with low cost is obtained...

...The figure shows the perspective view of **self - service   checkout** system...

... **Self - service   checkout** system (100
International Patent Class (Main): **G06F-017/60**

 57/3,K/4   (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013051509   **Image available**
WPI Acc No: 2000-223363/200019
XRPX Acc No: N00-167395
  Detecting of item placement and removal during operation of a self - service   checkout terminal for providing of security
Patent Assignee: NCR CORP (NATC)
Inventor: LUTZ D L; **MORRISON J**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6032128	A	20000229	US 97990241	A	19971215	200019	B

Priority Applications (No Type Date): US 97990241 A 19971215
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6032128	A		37	G06F-017/00	

  Detecting of item placement and removal during operation of a self - service   checkout terminal for providing of security
...Inventor: **MORRISON J**
Abstract (Basic):
...   Detecting item placement and removal during operation of a **self - service   checkout** terminal...

...The drawing is a perspective view of a **self - service   checkout** terminal incorporating features of the present invention...
International Patent Class (Main): **G06F-017/00**

 57/3,K/5   (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

012542952   **Image available**
WPI Acc No: 1999-349058/199930
XRPX Acc No: N99-261090
    Self - service   checkout **terminal operation**

Patent Assignee: NCR INT INC (NATC); NCR CORP (NATC)
Inventor: **MORRISON J** ; **WALTER J S**
Number of Countries: 027 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 924669	A2	19990623	EP 98310219	A	19981214	199930	B
JP 11238175	A	19990831	JP 98356496	A	19981215	199946	
US 6105866	A	20000822	US 97991060	A	19971215	200042	

Priority Applications (No Type Date): US 97991060 A 19971215
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
EP 924669   A2 E 13 G07G-001/00
    Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
    LI LT LU LV MC MK NL PT RO SE SI
JP 11238175   A   15 G07G-001/12
US 6105866   A   G06K-015/00
    Self - service   checkout **terminal operation**
Inventor: **MORRISON J** ...

    ... **WALTER J S**

Abstract (Basic):
...   There is an INDEPENDENT CLAIM for a **self - service   checkout**
    terminal...
International Patent Class (Additional): **G06F-017/00**

 57/3,K/6   (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

011868980   **Image available**
WPI Acc No: 1998-285890/199825
XRPX Acc No: N98-224701
    Self - service   checkout **or point-of-sale station used in retail
    industry - includes processing unit coupled to scanner, sensor and
    recorder to cause recorder to playback visual recording on display
    monitor when processing unit receives second signal but not first signal**
Patent Assignee: NCR INT INC (NATC); NCR CORP (NATC)
Inventor: FLYNN T L; **WALTER J S**
Number of Countries: 020 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5747784	A	19980505	US 96735424	A	19961022	199825	B
EP 847032	A2	19980610	EP 97307959	A	19971008	199827	
JP 10208149	A	19980807	JP 97286323	A	19971020	199842	

Priority Applications (No Type Date): US 96735424 A 19961022
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 5747784   A   9 G06F-017/00
EP 847032   A2 E   G07G-001/00
    Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU
    MC NL PT SE
JP 10208149   A   9 G07G-001/12

    Self - service   checkout **or point-of-sale station used in retail**

industry...
...Inventor: **WALTER J S**
International Patent Class (Main): **G06F-017/00** ...
...International Patent Class (Additional): **G06F-017/60**

57/3,K/7   (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

011638491   **Image available**
WPI Acc No: 1998-055399/199806
XRPX Acc No: N98-043903
   Point of sale self-checkout for retail outlet - has scale with control
   unit for weighed items connected to pricing processor which also receives
   scanned data
Patent Assignee: NCR INT INC (NATC); NCR CORP (NATC)
Inventor: **WALTER J S**
Number of Countries: 020 Number of Patents: 003
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
EP 817141   A2   19980107   EP 97304363   A   19970620   199806   'B
JP 10105831   A   19980424   JP 97203712   A   19970624   199827
US 5987428   A   19991116   US 96673641   A   19960625   200001

Priority Applications (No Type Date): US 96673641 A 19960625
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
EP 817141   A2 E 14 G07G-001/00
   Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU
   MC NL PT SE
JP 10105831   A   35 G07G-001/00
US 5987428   A   G06F-017/60

Inventor: **WALTER J S**

57/AA,AN,AZ,TI/1 **(Item 1 from file: 350)**
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

015616348
WPI Acc No: 2003-678505/
   Self - checkout **system for retail stores, includes customer interface**
   terminal and security scale that are supported by housing and are
   vertically oriented with respect to each other on housing
Local Applications (No Type Date): US 200125943 A 20011226
Priority Applications (No Type Date): US 200125943 A 20011226

57/AA,AN,AZ,TI/2 **(Item 2 from file: 350)**
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

014603861
WPI Acc No: 2002-424565/
   Self - service   checkout **system operating method for supermarket**
   industry, involves coupling kiosk type information terminal and automated
   teller machine with scanner to enter number of items for purchase
Local Applications (No Type Date): US 98217539 A 19981221
Priority Applications (No Type Date): US 98217539 A 19981221

57/AA,AN,AZ,TI/3 **(Item 3 from file: 350)**
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

013101377
WPI Acc No: 2000-273248/
   Operating method for self-service retail checkout terminal using
   biometric sensing for verifying identity of user to ensure only
   authorized products may be purchased
Local Applications (No Type Date): EP 99307537 A 19990923; JP 99307419 A
   19990924; US 98164098 A 19980930
Priority Applications (No Type Date): US 98164098 A 19980930

57/AA,AN,AZ,TI/4 **(Item 4 from file: 350)**
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

013051509
WPI Acc No: 2000-223363/
   Detecting of item placement and removal during operation of a self -
   service   checkout **terminal for providing of security**
Local Applications (No Type Date): US 97990241 A 19971215
Priority Applications (No Type Date): US 97990241 A 19971215

57/AA,AN,AZ,TI/5 **(Item 5 from file: 350)**
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

012542952
WPI Acc No: 1999-349058/
   Self - service   checkout **terminal operation**
Local Applications (No Type Date): EP 98310219 A 19981214; JP 98356496 A
   19981215; US 97991060 A 19971215
Priority Applications (No Type Date): US 97991060 A 19971215

Caryn S. Wesner-Early EIC 3600   16-Aug-05   page 1

57/AA,AN,AZ,TI/6   (Item 6 from file: 350)

011868980
WPI Acc No: 1998-285890/
   Self - service checkout **or point-of-sale station used in retail
  industry - includes processing unit coupled to scanner, sensor and
  recorder to cause recorder to playback visual recording on display
  monitor when processing unit receives second signal but not first signal**
Local Applications (No Type Date): US 96735424 A 19961022; EP 97307959 A
  19971008; JP 97286323 A 19971020
Priority Applications (No Type Date): US 96735424 A 19961022

57/AA,AN,AZ,TI/7   (Item 7 from file: 350)

011638491
WPI Acc No: 1998-055399/
  **Point of sale self-checkout for retail outlet - has scale with control
  unit for weighed items connected to pricing processor which also receives
  scanned data**
Local Applications (No Type Date): EP 97304363 A 19970620; US 96673641 A
  19960625; JP 97203712 A 19970624
Priority Applications (No Type Date): US 96673641 A 19960625

57/AA,AN,AZ,TI/8   (Item 1 from file: 2)

02706929   INSPEC Abstract Number: A86092904
 **Title: Paleomagnetism of Silurian-Ordovician sediments from the Valley and
Ridge Province, northwest Georgia**

57/AA,AN,AZ,TI/9   (Item 1 from file: 15)

01572607   02-23596
The second curve: Managing the velocity of change

57/AA,AN,AZ,TI/10   (Item 1 from file: 275)

01940555   SUPPLIER NUMBER: 18302642
**The skybox syndrome. (trend among computer companies to advertise during
  sporting events)(includes related article on Intel's sponsorship of the
  Smithsonian Institutions' 150th anniversary traveling museum exhibition)
  (Industry Trend or Event)(Cover Story)**

57/AA,AN,AZ,TI/11   (Item 1 from file: 148)

07510061   SUPPLIER NUMBER: 16201722

Magnetic resonance imaging of the brain in phenylketonuria.

? show files;ds
File 347:JAPIO Nov 1976-2005/Apr(Updated 050801)
        (c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200552
        (c) 2005 Thomson Derwent
File 371:French Patents 1961-2002/BOPI 200209
        (c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	180	(SELF OR SELF()SERV??? OR DO()IT()YOURSELF OR DIY)(N)(CHEC-KOUT? ? OR CHECKSTAND? ? OR CHECK()(OUT? ? OR STAND? ?) OR CASH()REGISTER? ? OR ECR OR EPOS OR CASHREGISTER? ? OR RING???(-)UP OR RINGUP)
S2	2282117	GUI OR INPUT? ? OR INPUTT??? OR (USER OR GRAPHIC??)(2W)(INTERFACE? ? OR INTERACT? OR CONNECT? OR DISPLAY? ?) OR SCREEN? ? OR MONITOR? ? OR TOUCHPAD? ? OR TOUCHSCREEN? ? OR KEYBOARD? ? OR KEYPAD? ? OR (KEY OR TOUCH)()(PAD? ? OR BOARD? ?)
S3	139689	SCANNER? ? OR WAND??? OR (LABEL? OR TAG? ? OR CODE? ? OR B-ARCODE? ? OR UPC OR SKU)()READER? ? OR OCR
S4	235758	(BAG OR SACK OR PAPERBAG)()(RETAINER? ? OR HOLDER? ? OR FR-AME? ? OR SUPPORT? ? OR BRACE? ? OR BRACING OR BRACKET? ?) OR SCALE? ? OR WEIGHT(2N)VERIFI? OR BASKET? ?
S5	1737094	NARROW OR (SAVE? ? OR SAVING OR LITTLE)(2N)(SPACE OR ROOM) OR (SMALL OR ZERO)()FOOTPRINT OR SLENDER OR SLIM OR MOUNTED OR COMPACT
S6	18228	S2(10N)(S3 OR S4)
S7	1	S1(S)S5(S)S6
S8	1	S1 AND S5 AND S6
S9	9	S1(S)(S5 OR S6)
S10	21	S1 AND (S5 OR S6)
S11	336206	IC=G06F-017?
S12	7	S10 AND S11
S13	15	S9 OR S12
S14	15	IDPAT (sorted in duplicate/non-duplicate order)
S15	15	IDPAT (primary/non-duplicate records only)

Considered ppt 8/19/05

Caryn S. Wesner-Early EIC 3600   16-Aug-05   page 1

DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016685842   **Image available**
WPI Acc No: 2005-010123/200501
XRPX Acc No: N05-007974
    Self   checkout **system in retail establishments, uses radio frequency identification reader for receiving data about items in security area through item tag**
Patent Assignee: PERSKY M (PERS-I); SANCHEZ S J (SANC-I)
Inventor: PERSKY M; SANCHEZ S J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20040220860	A1	20041104	US 2002434944	P	20021220	200501	B
			US 2003740989	A	20031219		

Priority Applications (No Type Date): US 2002434944 P 20021220; US 2003740989 A 20031219
Patent Details:

Patent No	Kind Lan Pg	Main IPC	Filing Notes
US 20040220860 A1	9	G06F-017/60	Provisional application US 2002434944

    Self   checkout **system in retail establishments, uses radio frequency identification reader for receiving data about items in...**

Abstract (Basic):
...   The data from a radio frequency identification (RFID) tag **mounted** on each item in a security area, is received from a tag reader (107). The...
...   1) method for conducting the purchase of items using **self checkout** system...

...2) computer readable medium with instruction for performing the purchase of items using **self   checkout** system; and...

...3) computer application program operable on **self   checkout** system...

...The figure shows the line drawing of **self   checkout** system with RFID tag processing capability...

... **self   checkout** lane (102
International Patent Class (Main): **G06F-017/60**

DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016517604   **Image available**
WPI Acc No: 2004-675987/200466
XRPX Acc No: N04-535737
 Self checkout system for use in drug and convenience store, has computer system coupled to product imaging scanner and bag rack for processing data from product imaging scanner and bag rack
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: HARRIS R H; POSEY H P

Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 20040182650 A1   20040923 US 2003390964   A   20030318 200466 B

Priority Applications (No Type Date): US 2003390964 A 20030318
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 20040182650 A1   7 A63F-009/02

Abstract (Basic):
...   B) a method for secure self checkout in a **small   footprint**
    self   checkout system...

   15/3,K/3   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

015616348   **Image available**
WPI Acc No: 2003-678505/200364
XRPX Acc No: N03-541686
    Self - checkout **system for retail stores, includes customer interface**
    terminal and security scale that are supported by housing and are
    vertically oriented with respect to each other on housing
Patent Assignee: NCR CORP (NATC)
Inventor: LIN H J; MORRISON J; WALTER J
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 20030120547 A1   20030626 US 200125943   A   20011226 200364 B

Priority Applications (No Type Date): US 200125943 A 20011226
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 20030120547 A1   14 G06F-017/60

    Self - checkout **system for retail stores, includes customer interface**
    terminal and security scale that are supported by...

Abstract (Basic):
...   and the security scale are vertically oriented thereby, enabling
    the system to have zero to **small   footprint** and also enabling the
    system to be used in minimum floor space applications...

...The drawing shows a block diagram of an illustrative **self - checkout**
    system...
International Patent Class (Main): **G06F-017/60**

   15/3,K/7   (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013661883   **Image available**
WPI Acc No: 2001-146095/200115
XRPX Acc No: N01-106855
    Self - service   check   out **terminal for use in retail business,**

comprises primary counter supported on base having bag accommodation
chamber with scanner and automated teller machine provided at either ends
Patent Assignee: NCR CORP (NATC)
Inventor: PATON G C; SWAINE S W; VASSIGH A M
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6167381	A	20001226	US 9737725	A	19970207	200115	B
			US 9737726	A	19970207		
			US 9820056	A	19980206		

Priority Applications (No Type Date): US 9820056 A 19980206; US 9737725 P
19970207; US 9737726 P 19970207
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6167381	A		26	G06F-017/60	Provisional application US 9737725
					Provisional application US 9737726

Self – service   check   out **terminal for use in retail business,
comprises primary counter supported on base having bag accommodation...**

Abstract (Basic):
...   **Self – service   check   out** terminal (10) comprises a primary
    counter (12) supported on base (11) provided with bag accommodation
...   base includes connecting panel (11) interposed between counters.
    The scanner includes a scanning window (30) **mounted** to primary
    counter in horizontal orientation and another scanning window (32)
    mounted to connecting panel in vertical orientation...

...The figure shows the perspective view of **self · service   check   out**
    terminal...

... **Self – service   check   out** terminal (10
International Patent Class (Main): **G06F-017/60**

 15/3,K/8   (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013076482   **Image available**
WPI Acc No: 2000-248354/200022
XRPX Acc No: N00-185952
  Method of advertising with retail terminal using display monitor by
  **displaying advertising message on display monitor based on retail
  information of user profile**
Patent Assignee: NCR INT INC (NATC); NCR CORP (NATC)
Inventor: DEJAEGER W; HUTCHEON A J; DEJAEGER W E Y
Number of Countries: 027 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 991006	A2	20000405	EP 99307703	A	19990929	200022	B
JP 2000113334	A	20000421	JP 99311385	A	19990928	200031	
US 6456981	B1	20020924	US 98164099	A	19980930	200266	
			US 2000595125	A	20000616		

Priority Applications (No Type Date): US 98164099 A 19980930; US 2000595125
    A 20000616
Patent Details:

```
Patent No  Kind Lan Pg    Main IPC      Filing Notes
EP 991006       A2 E   28 G06F-017/60
   Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
   LI LT LU LV MC MK NL PT RO SE SI
JP 2000113334 A      91 G07G-001/14
US 6456981      B1      G06F-017/60    Cont of application US 98164099
```

Abstract (Basic):
...   Upon arrival of a customer at a **self - service   checkout**
    terminal (18), the latter may be activated by the customer swiping his
    or her debit, credit, loyalty, or smart card through a card reader
    (30). Once activated, the **self - service   checkout** terminal (18)
    communicates with the central server in order to retrieve the user
    profile associated...

...may begin to scan or otherwise enter his or her items for purchase into
    the **self - service   checkout** terminal (18) via use of the **scanner**
    (14) or the data **input** device (24) (e.g. a **keypad** or touch pad). In
    response to generation of the item-entered control signal, the user...

...The drawing is a perspective view of a **self - service   check - out**
    terminal of the retail system...

... **self - service   checkout** terminal (18
International Patent Class (Main): **G06F-017/60** ...

   15/3,K/9   (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

012816261   **Image available**
WPI Acc No: 1999-622492/199954
XRPX Acc No: N99-459378
   Compact self   service   checkout **for use in retail environments**
Patent Assignee: TESCO STORES LTD (TESC-N)
Inventor: LINDLEY J G
Number of Countries: 084 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
GB 2338100	A	19991208	GB 9913214	A	19990607	199954	B
WO 9965000	A1	19991216	WO 99GB1789	A	19990607	200006	
AU 9942775	A	19991230	AU 9942775	A	19990607	200022	
GB 2338100	B	20000830	GB 9913214	A	19990607	200042	

Priority Applications (No Type Date): GB 9812229 A 19980605
Patent Details:
```
Patent No  Kind Lan Pg    Main IPC      Filing Notes
GB 2338100      A    16 G06K-017/00
WO 9965000      A1 E    G07G-001/00
   Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
   CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC
   LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PT RO RU SD SE SG SI SK SL TJ
   TM TR TT UA UG US UZ VN YU ZA ZW
   Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
   IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW
AU 9942775      A       G07G-001/00    Based on patent WO 9965000
GB 2338100      B       G06K-017/00
```

Compact self service checkout **for use in retail environments**

Abstract (Basic):
... The self service checkout contains the equipment customers need to purchase goods in a **compact** easy to use arrangement...

15/3,K/10   (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

011638491   **Image available**
WPI Acc No: 1998-055399/199806
XRPX Acc No: N98-043903
  Point of sale self - checkout **for retail outlet - has scale with control unit for weighed items connected to pricing processor which also receives scanned data**
Patent Assignee: NCR INT INC (NATC); NCR CORP (NATC)
Inventor: WALTER J S
Number of Countries: 020 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 817141	A2	19980107	EP 97304363	A	19970620	199806	B
JP 10105831	A	19980424	JP 97203712	A	19970624	199827	
US 5987428	A	19991116	US 96673641	A	19960625	200001	

Priority Applications (No Type Date): US 96673641 A 19960625
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 817141	A2	E	14	G07G-001/00	

  Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

JP 10105831	A		35	G07G-001/00	
US 5987428	A			G06F-017/60	

  Point of sale self - checkout **for retail outlet...**

...Abstract (Basic): The station comprises a counter which incorporates a combined **scanner / scale** with a display **monitor** and a data entry device. When an item is placed on the **scale** (24) a menu is automatically displayed on the **monitor** to prompt the user to the correct procedure. The system can be equally used for...

...User instructions are displayed on the **monitor** (16). Items with a bar code are scanned using the **scanner** (22). Where product codes need to be entered, this is done via a key pad...
International Patent Class (Main): **G06F-017/60** ...

15/3,K/12   (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

009071685   **Image available**
WPI Acc No: 1992-199093/199224
XRPX Acc No: N92-150609
  Self-serve retail checkout system - includes video camera unit to view scale where bar-coded products are deposited and connected to supervisory

station
Patent Assignee: SCHNEIDER H (SCHN-I); OPTIMAL ROBOTICS CORP (OPTI-N)
Inventor: SCHNEIDER H
Number of Countries: 008   Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5115888	A	19920526	US 91650167	A	19910204	199224	B
EP 498311	A1	19920812	EP 92101608	A	19920131	199233	
CA 2060414	A	19920805	CA 2060414	A	19920130	199243	
EP 498311	B1	19951206	EP 92101608	A	19920131	199602	
DE 69206438	E	19960118	DE 606438	A	19920131	199608	
			EP 92101608	A	19920131		
CA 2060414	C	19981208	CA 2060414	A	19920130	199908	

Priority Applications (No Type Date): US 91650167 A 19910204
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5115888	A		25	G06K-007/10	
EP 498311	A1	E	29	G07G-001/00	

   Designated States (Regional): DE ES FR GB IT SE

| EP 498311 | B1 | E | 37 | G07G-001/00 | |

   Designated States (Regional): DE ES FR GB IT SE

DE 69206438	E			G07G-001/00	Based on patent EP 498311
CA 2060414	A			G07G-001/14	
CA 2060414	C			G07G-001/14	

...Abstract (Equivalent): use by a customer, (b) bar code reader means (14)
   and first scale means (23) **mounted** in said first stationary
   structural member (162) such that said bar code reader means does...

...active elements of said first scale means but that said bar code reader
   means is **mounted** less than one meter away from said first scale
   means; (c) said bar code reader...

...has been read by said bar code reader means; (d) bag, holding means
   (19,20) **mounted** upon said first scale means (23); (e) said first
   scale means (23) generating a second signal indicative of the weight
   present on said first **scale** means; (f) first user **input** means
   (1...10) **mounted** in said first stationary structure member (162)
   generating a third signal indicative of the particular first user
   input means device selected; (g) second **scale** means (24) **mounted**
   in said first stationary structural member (162) such that the top
   exposed surface of said...

...means generates a fourth signal indicative of the weight thereon; (h)
   video sensor means (18) **mounted** in a video sensor movement means
   (100) above said first scale means (23) and above...

...the image said video sensor means is currently viewing; (j) first user
   display means (11) **mounted** in said first stationary structural member
   (162); (k) a second stationary structural member (66) intended for
   supervisory use by a supervisory employee; (l) second user display
   means (51) **mounted** in said second stationary structural member (66)
   where said second user display means receives said...

...means displays an image corresponding to said fifth signal; (m) second
   user input means (57) **mounted** in said second stationary structural
   member (66) generating a sixth signal indicative of the particular...

...image corresponding to said second controller signal and where said
  third user display means is **mounted** in the said second stationary
  structural member; (q) said controller means (305) sending a third...

  15/3,K/13   (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

007556780
WPI Acc No: 1988-190712/198827
XRPX Acc No: N88-145738
  **Self-service checkout system for supermarket - has display of checkout
  informing purchaser of price of each item being processed while second
  display shows total amount due for items**
Patent Assignee: NCR INT INC (NATC); NCR CORP (NATC)
Inventor: MERGENTHALER M B; MERGENTHAL B M; MERGENTHALER B M
Number of Countries: 005 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 8804813	A	19880630	WO 87US3187	A	19871203	198827	B
US 4779706	A	19881025	US 86943116	A	19861217	198845	
EP 294470	A	19881214	EP 88901178	A	19871203	198850	
JP 1501738	W	19890615	JP 87506310	A	19871203	198930	
EP 294470	B1	19921007	WO 87US3187	A	19871203	199241	
			EP 88901178	A	-19871203		
DE 3782166	G	19921112	DE 3782166	A	19871203	199247	
			WO 87US3187	A	19871203		
			EP 88901178	A	19871203		

Priority Applications (No Type Date): US 86943116 A 19861217
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 8804813	A	E	15		

   Designated States (National): JP
   Designated States (Regional): DE FR GB

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4779706	A		7		
EP 294470	A	E			

   Designated States (Regional): DE FR GB

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 294470	B1	E	10	G07G-001/00	Based on patent WO 8804813

   Designated States (Regional): DE FR GB

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3782166	G			G07G-001/00	Based on patent EP 294470
					Based on patent WO 8804813

...Abstract (Equivalent): identifyig the item, said system including a
  first support member (22); optical scanning means (35) **mounted** in
  said first support member (22) for scanning the coded label of a
  merchandise item...

...purchased merchandise items, characterised in that said first (27) and
  second weighing means (33) are **mounted** in said first support member
  (22), and further characterised by third weighing means (43) **mounted**
  on a second support member (38) and coupled to said processing means
  (52) for outputting...

  15/3,K/15   (Item 15 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

07778137   **Image available**
SELF-CHECKOUT DEVICE

PUB. NO.:   2003-272051 [JP 2003272051 A]
PUBLISHED: September 26, 2003 (20030926)
INVENTOR(s): NAKAEDA MASAYUKI
APPLICANT(s): TOSHIBA TEC CORP
APPL. NO.:   2002-075932 [JP 200275932]
FILED: March 19, 2002 (20020319)

                              ABSTRACT
... To effectively support operation for a disabled person using, for
example, a wheelchair.

SOLUTION: A **scanner** 107, a first display 110, and a first **input** device
111 are arranged in a position related to a commodity table 106 for
adjacently...

... and the second placing table 105 in the commodity table 106 so that
operation for **self** - **checkout** can be performed by using the portable
terminal 151 in a state of being removed...

15/AN,AZ,TI/1   (Item 1 from file: 350)

016685842
  Self   checkout **system in retail establishments, uses radio frequency**
  identification reader for receiving data about items in security area
  through item tag
Local Applications (No Type Date): US 2002434944 P 20021220; US 2003740989
  A 20031219
Priority Applications (No Type Date): US 2002434944 P 20021220; US
  2003740989 A 20031219

15/AN,AZ,TI/2   (Item 2 from file: 350)

016517604
  Self checkout system for use in drug and convenience store, has computer
  system coupled to product imaging scanner and bag rack for processing
  data from product imaging scanner and bag rack
Local Applications (No Type Date): US 2003390964 A 20030318
Priority Applications (No Type Date): US 2003390964 A 20030318

15/AN,AZ,TI/3   (Item 3 from file: 350)

015616348
  Self - checkout **system for retail stores, includes customer interface**
  terminal and security scale that are supported by housing and are
  vertically oriented with respect to each other on housing
Local Applications (No Type Date): US 200125943 A 20011226
Priority Applications (No Type Date): US 200125943 A 20011226

15/AN,AZ,TI/4   (Item 4 from file: 350)

014953815
  Multi-functional kiosk for retail outlet in ticket companies, has
  communication unit connected to internet, which communicates between
  points for placing orders of items not available in retail outlet
Local Applications (No Type Date): SG 995660 A 19991112
Priority Applications (No Type Date): SG 995660 A 19991112

15/AN,AZ,TI/5   (Item 5 from file: 350)

014786307
  Retail terminal operation method involves displaying menu having item
  names associated to first character input by user
Local Applications (No Type Date): US 98217544 A 19981221
Priority Applications (No Type Date): US 98217544 A 19981221

15/AN,AZ,TI/6   (Item 6 from file: 350)

014220013
   **Reconfigurable point-of-service checkout system e.g. for retail stores,
   has dual aperture bar code scanner rotatable between full service and
   self service positions**
Local Applications (No Type Date): US 99250859 A 19990217; US 2001911921 A
   20010724
Priority Applications (No Type Date): US 99250859 A 19990217; US 2001911921
   A 20010724

   15/AN,AZ,TI/7   (Item 7 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

013661883
   Self - service   check   out **terminal for use in retail business,
   comprises primary counter supported on base having bag accommodation
   chamber with scanner and automated teller machine provided at either ends**

Local Applications (No Type Date): US 9737725 A 19970207; US 9737726 A
   19970207; US 9820056 A 19980206
Priority Applications (No Type Date): US 9820056 A 19980206; US 9737725 P
   19970207; US 9737726 P 19970207

   15/AN,AZ,TI/8   (Item 8 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

013076482
   **Method of advertising with retail terminal using display monitor by
   displaying advertising message on display monitor based on retail
   information of user profile**
Local Applications (No Type Date): EP 99307703 A 19990929; JP 99311385 A
   19990928; US 98164099 A 19980930; US 2000595125 A 20000616
Priority Applications (No Type Date): US 98164099 A 19980930; US 2000595125
   A 20000616

   15/AN,AZ,TI/9   (Item 9 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

012816261
   Compact self   service   checkout **for use in retail environments**
Local Applications (No Type Date): GB 9913214 A 19990607; GB 9913214 A
   19990607; WO 99GB1789 A 19990607; AU 9942775 A 19990607
Priority Applications (No Type Date): GB 9812229 A 19980605

   15/AN,AZ,TI/10   (Item 10 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

011638491
   Point of sale self - checkout **for retail outlet - has scale with
   control unit for weighed items connec**ted to pricing processor which also
   receives scanned data
Local Applications (No Type Date): EP 97304363 A 19970620; US 96673641 A
   19960625; JP 97203712 A 19970624
Priority Applications (No Type Date): US 96673641 A 19960625

Caryn S. Wesner-Early EIC 3600   16-Aug-05   page 2

15/AN,AZ,TI/11   (Item 11 from file: 350)

010864691
   **Automatic bulk self-checkout appts. for rapid and simultaneous reading of
   bar-codes - has bar-code scanner assembly for reading bar codes while
   items are inside item holder, bar-code processing assembly for generating
   associated price data and for totalling prices**
Local Applications (No Type Date): US 94241354 A 19940511; US 94328683 A
   19941025
Priority Applications (No Type Date): US 94328683 A 19941025; US 94241354 A
   19940511

15/AN,AZ,TI/12   (Item 12 from file: 350)

009071685
   **Self-serve retail checkout system - includes video camera unit to view
   scale where bar-coded products are deposited and connected to supervisory
   station**
Local Applications (No Type Date): US 91650167 A 19910204; EP 92101608 A
   19920131; CA 2060414 A 19920130; EP 92101608 A 19920131; DE 606438 A
   19920131; EP 92101608 A 19920131; CA 2060414 A 19920130
Priority Applications (No Type Date): US 91650167 A 19910204

15/AN,AZ,TI/13   (Item 13 from file: 350)

007556780
   **Self-service checkout system for supermarket - has display of checkout
   informing purchaser of price of each item being processed while second
   display shows total amount due for items**
Local Applications (No Type Date): WO 87US3187 A 19871203; US 86943116 A
   19861217; EP 88901178 A 19871203; JP 87506310 A 19871203; WO 87US3187 A
   19871203; EP 88901178 A 19871203; DE 3782166 A 19871203; WO 87US3187 A
   19871203; EP 88901178 A 19871203
Priority Applications (No Type Date): US 86943116 A 19861217

15/AN,AZ,TI/14   (Item 14 from file: 350)

001907264
   **Self-service check out desk for baskets and trolleys - has inclined
   unloading surface with shunting belts directing goods to loading bays**
Priority Applications (No Type Date): DE 1950047 A 19691003

15/AN,AZ,TI/15   (Item 15 from file: 347)

07778137
SELF-CHECKOUT DEVICE

Caryn S. Wesner-Early EIC 3600   16-Aug-05

? show files;ds
File 348:EUROPEAN PATENTS 1978-2005/Aug W01
        (c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20050811,UT=20050804
        (c) 2005 WIPO/Univentio

Set	Items	Description
S1	151	(SELF OR SELF()SERV??? OR DO()IT()YOURSELF OR DIY)(N)(CHEC-KOUT? ? OR CHECKSTAND? ? OR CHECK()(OUT? ? OR STAND? ?) OR CA-SH()REGISTER? ? OR ECR OR EPOS OR CASHREGISTER? ? OR RING???(-)UP OR RINGUP)
S2	648401	GUI OR INPUT? ? OR INPUTT??? OR (USER OR GRAPHIC??)(2W)(IN-TERFACE? ? OR INTERACT? OR CONNECT? OR DISPLAY? ?) OR SCREEN? ? OR MONITOR? ? OR TOUCHPAD? ? OR TOUCHSCREEN? ? OR KEYBOARD? ? OR KEYPAD? ? OR (KEY OR TOUCH)()(PAD? ? OR BOARD? ?)
S3	186048	SCANNER? ? OR WAND??? OR (LABEL? OR TAG? ? OR CODE? ? OR B-ARCODE? ? OR UPC OR SKU)()READER? ? OR OCR
S4	294335	(BAG OR SACK OR PAPERBAG)()(RETAINER? ? OR HOLDER? ? OR FR-AME? ? OR SUPPORT? ? OR BRACE? ? OR BRACING OR BRACKET? ?) OR SCALE? ? OR WEIGHT(2N)VERIFI? OR BASKET? ?
S5	676667	NARROW OR (SAVE? ? OR SAVING OR LITTLE)(2N)(SPACE OR ROOM) OR (SMALL OR ZERO)()FOOTPRINT OR SLENDER OR SLIM OR MOUNTED OR COMPACT
S6	24187	S2(10N)(S3 OR S4)
S7	2	S1(S)S5(S)S6
S8	16	S1(10N)(S5 OR S6)
S9	58	S1(S)(S5 OR S6)
S10	52882	IC=G06F-017?
S11	9	S9 AND S10
S12	21	S7 OR S8 OR S11
S13	21	IDPAT (sorted in duplicate/non-duplicate order)
S14	21	IDPAT (primary/non-duplicate records only)

considered 997
8/19/05

14/3,K/8   (Item 8 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01069210
**Method for providing security and enhancing efficiency during operation of
    a self-service checkout terminal**
**Verfahren zum Gewahren der Sicherheit und zur Verbesserung der Effizienz
    wahrend des Betriebes eines Selbstbedienungs-Abrechnungsterminals**
**Methode pour assurer la securite et ameliorer l'efficacite pendant le
    fonctionnement   d'un   terminal   de   caisse   d'enregistrement   en
    libre-service**
PATENT ASSIGNEE:
  NCR International, Inc., (1449484), 1700 South Patterson Boulevard,
    Dayton, Ohio 45479, (US), (Applicant designated States: all)
INVENTOR:
  Lutz, Dusty L., 490 Rosedown Road, Laurenceville, Georgia 30043, (US)
LEGAL REPRESENTATIVE:
  Williamson, Brian et al (84717), NCR Limited International Patent
    Department 206 Marylebone Road, London NW1 6LY, (GB)
PATENT (CC, No, Kind, Date):   EP 940786 A2 990908 (Basic)
APPLICATION (CC, No, Date):   EP 99301360 990224;
PRIORITY (CC, No, Date): US 32933 980302
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
  LU; MC; NL; PT; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G07G-001/00; G07G-003/00
ABSTRACT WORD COUNT: 88
NOTE:
  Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language   Update   Word Count
      CLAIMS A (English)   9936   479
      SPEC A   (English)   9936   12072
Total word count - document A   12551
Total word count - document B   0
Total word count - documents A + B   12551

...SPECIFICATION is the level of security provided against illicit use of
    the terminal by customers.
    Therefore, **self - service   checkout** terminals have heretofore been
  designed with security systems which **monitor** the use of the terminal.
  For example, weight **scales** have been incorporated into **self - service**
   checkout terminals to **monitor** the manner in which a customer handles
  or otherwise processes items during operation of the...user to void entry
  of an item from the checkout procedure via use of the **scanner** 14 or the
  data **input** device 34. It should be appreciated that the **self - service**
   checkout terminal 10 may be configured such that the routine 50 allows
  experienced users of the...

14/3,K/9   (Item 9 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01045216

Method and apparatus for reducing loss by unregistered articles during
    operation of a self-service checkout terminal
Verfahren und Vorrichtung zur Verminderung von Verlusten durch
    unregistrierte Artikel beim Betrieb eines Selbstbedienungsabrechnungste
    rminals
Methode et dispositif pour reduire les pertes occasionees par les articles
    non-enregistres pendant les operations d'un terminal d'enregistrement
    de supermarche en self-service
PATENT ASSIGNEE:
  NCR INTERNATIONAL INC., (1449480), 1700 South Patterson Boulevard,
    Dayton, Ohio 45479, (US), (Applicant designated States: all)
INVENTOR:
  Morrison, James, 6055 Masters Club Drive, Suwanee, Georgia 30024, (US)
  Walter, Joanne Synowsky, 60 Dover Cliff Way, Alpharetta, Georgia 30022,
    (US)
LEGAL REPRESENTATIVE:
  Williamson, Brian et al (84717), NCR Limited International Patent
    Department 206 Marylebone Road, London NW1 6LY, (GB)
PATENT (CC, No, Kind, Date):   EP 924669 A2 990623 (Basic)
                             . EP 924669 A3 050309
APPLICATION (CC, No, Date):   EP 98310219 981214;
PRIORITY (CC, No, Date): US 991060 971215
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
  LU; MC; NL; PT; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G07G-003/00; G07G-001/00; A47F-009/04
ABSTRACT WORD COUNT: 135
NOTE:
  Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
    ·CLAIMS A (English) 9925   576
     SPEC A   (English) 9925   6760
Total word count - document A   7336
Total word count - document B   0
Total word count - documents A + B   7336

...SPECIFICATION checkout terminal 10 for use in a retail business such as
  a grocery store. The **self - service checkout** terminal 10 includes a
  processing unit 12, a **scanner** 14, a video system 16, a display monitor
   18, a manual entry device 20, a product **scale** 22, a voice generating
  device 24, a card reader 34, and a currency acceptor 36...

 14/3,K/10   (Item 10 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01004263
Method and apparatus for providing security to a self-service checkout
    terminal
Verfahren und Vorrichtung zur Sicherheitsvorkehrung fur einen
    Selbstbedienungs-Endschalter
Methode et dispositif pour preparatifs de securite pour un terminal final a
    libre service
PATENT ASSIGNEE:

NCR INTERNATIONAL INC., (1449480), 1700 South Patterson Boulevard,
    Dayton, Ohio 45479, (US), (Proprietor designated states: all)
INVENTOR:
  Addy, John Charles, 1919 Whitehawk Court, Lawrenceville, Georgia 30253,
    (US)
  Morrison, James, 6055 Master Club Drive, Suwanee, Georgia 30024, (US)
LEGAL REPRESENTATIVE:
  Cleary, Fidelma et al (85871), International IP Department NCR Limited
    206 Marylebone Road, London NW1 6LY, (GB)
PATENT (CC, No, Kind, Date): EP 905658 A1 990331 (Basic)
                              EP 905658 B1 031105
APPLICATION (CC, No, Date):   EP 98306760 980824;
PRIORITY (CC, No, Date): US 939868 970929
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: G07F-011/00
ABSTRACT WORD COUNT: 126
NOTE:
  Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199913	678
CLAIMS B	(English)	200345	664
CLAIMS B	(German)	200345	568
CLAIMS B	(French)	200345	778
SPEC A	(English)	199913	14754
SPEC B	(English)	200345	14902
Total word count - document A		15434	
Total word count - document B		16912	
Total word count - documents A + B		32346	

...SPECIFICATION scanner 14, a video system 16, a display monitor 18, a
  code entry or data **input** device 20, a product **scale** 22, and a light
  curtain device 24. The **self - service** **checkout** terminal 10 also
  includes a bagwell 15 for accommodating one or more grocery bags 17...

...SPECIFICATION scanner 14, a video system 16, a display monitor 18, a
  code entry or data **input** device 20, a product **scale** 22, and a light
  curtain device 24. The **self - service** **checkout** terminal 10 also
  includes a bagwell 15 for accommodating one or more grocery bags 17...

  14/3,K/11   (Item 11 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00893573
Checkout apparatus and method
Auszahlvorrichtung und -verfahren
Dispositif et methode d'enregistrement d'articles en sortie
PATENT ASSIGNEE:
  NCR INTERNATIONAL INC., (1449480), 1700 South Patterson Boulevard,
    Dayton, Ohio 45479, (US), (Applicant designated States: all)
INVENTOR:
  Walter, Joanne Synowsky, 60 Dover Cliff Way, Alpharetta, Georgia
    30202-5564, (US)
LEGAL REPRESENTATIVE:
  Williamson, Brian et al (84717), NCR Limited International Patent

Department 206 Marylebone Road, London NW1 6LY, (GB)
PATENT (CC, No, Kind, Date): EP 817141 A2 980107 (Basic)
                             EP 817141 A3 041110
APPLICATION (CC, No, Date): EP 97304363 970620;
PRIORITY (CC, No, Date): US 673641 960625
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: G07G-001/00; G01G-019/415; G01G-019/414;
  A47F-009/04
ABSTRACT WORD COUNT: 96
NOTE:
  Figure number on first page: 4

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
      CLAIMS A (English) 9802   447
      SPEC A   (English) 9802   4660
Total word count - document A   5107
Total word count - document B   0
Total word count - documents A + B   5107

...SPECIFICATION checkout station 10 for use in a retail business such as a
  grocery store. The **self - checkout** station 10 may include a counter 12,
  a combined **scanner / scale** device 14, a display **monitor** 16, a data
  entry device 17 such as a key pad or keyboard, and a...

  14/3,K/12   (Item 12 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00513056
Self-serve checkout system.
Selbstbedienungsregistrierkasse.
Systeme d'enregistrement d'achats en libre-service.
PATENT ASSIGNEE:
  OPTIMAL ROBOTICS CORP., (1458620), 4700, rue de la Savane, Bureau 101,
    Montreal, Quebec H4P 1T7, (CA), (applicant designated states:
    DE;ES;FR;GB;IT;SE)
INVENTOR:
  Schneider, Howard, 149, Finchley Road, Montreal, Quebec H3X 3A3, (CA) ·
LEGAL REPRESENTATIVE:
  Bonnetat, Christian (14191), CABINET BONNETAT 23, Rue de St.Petersbourg,
    F-75008 Paris, (FR)
PATENT (CC, No, Kind, Date): EP 498311 A1 920812 (Basic)
                             EP 498311 B1 951206
APPLICATION (CC, No, Date): EP 92101608 920131;
PRIORITY (CC, No, Date): US 650167 910204
DESIGNATED STATES: DE; ES; FR; GB; IT; SE
INTERNATIONAL PATENT CLASS: G07G-001/00; A47F-009/04;
ABSTRACT WORD COUNT: 172
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
      CLAIMS A (English) EPABF1   2421
      CLAIMS B (English) EPAB95   3469
      CLAIMS B (German)   EPAB95   3047
      CLAIMS B (French)   EPAB95   3711
      SPEC A   (English) EPABF1   13956

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            SPEC B      (English) EPAB95     24843
Total word count - document A           16378
Total word count - document B           35070
Total word count - documents A + B      51448
```

...CLAIMS the fourth signal indicating the weight previously on the said
    second scale means.
  2.   The **self - service   checkout** system of claim 1 wherein a third
       scale means is **mounted** in the said first stationary structural
       member and generates a third scale signal indicative of...

...except when the said controller means receives a third signal indicative
    of a first user **input** means selected for bag transfer from said
    first **scale** means to said third scale means where said controller
    means compares the decrease in the...first stationary structural
    member and a second speaker means receiving said first microphone
    signal is **mounted** in said second stationary structural member.
  4.   The **self - service   checkout** system of claim 1 wherein magnetic
       payment card reader means is mounted in the said...

...CLAIMS fourth signal indicating the weight previously on the said second
    scale means (24).
  2.   The **self - service   checkout** system of claim 1 wherein a third
       scale means (29) is **mounted** in the said first stationary structural
       member (162) and generates a third scale signal indicative...except
       when the said controller means receives a third signal indicative of
       a first user **input** means (1...10) selected for bag transfer from
       said first **scale** means (23) to said third scale means (29) where
       said controller means (305) compares the...

...stationary structural member and a second speaker means (54) receiving
    said first microphone signal is **mounted** in said second stationary
    structural member.
  4.   The **self - service   checkout** system of claim 1 wherein magnetic
       payment card reader means (97) is mounted in the...fourth signal
       indicating the weight previously on the said second scale means (24).

  10. The **self - service** checkout system of claim 9 wherein said
       controller means upon receiving a signal from said product...

...said fifth signal is indicative of the image of the surface of the said
    second **scale** means and is thus displayed on the said second **user
    display** means, and sending a second controller signal to the said
    third user display means, and...

...the fourth signal indicating the weight previously on the said second
    scale means. ns (51) **mounted** in said second stationary structural
    member (66) where said second user display means receives said...

14/3,K/14   (Item 14 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01177713   **Image available** ·
SELF SERVICE CHECKOUT SYSTEM
SYSTEME DE VERIFICATION POUR LIBRE-SERVICE
Patent Applicant/Assignee:

Caryn S. Wesner-Early EIC 3600   16-Aug-05   page 5

CORPORATE SAFE SPECIALISTS INC, 14800 South McKinley, Posen, IL 60469, US
    , US (Residence), US (Nationality)
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  IVEY James III, 14744 Whipple Avenue, Posen, IL 60469, US,
  BARCELLOS Eduardo DeCastro, 2702 Industrial Drive, Apt. 114, Bowling
    Green, KY 42101, US,
  OLIVERIA Wagner Bittencourt, 520 N. Broadway, Lexington, KY 40508, US,
Legal Representative:
  MCLAUGHLIN F William (agent), Wood, Phillips, Katz, Clark & Mortimer, 500
    West Madison Street, Suite 3800, Chicago, IL 60661, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 2004100039 A1 20041118 (WO 04100039)
  Application: WO 2003US37737 20031124 (PCT/WO US03037737)
  Priority Application: US 2003428365 20030502
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
  EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD
  SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
  SI SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 4658

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
  Detailed Description
  Claims

Detailed Description
... a safe having a door lock and door sensors. A bill dispenser and
  acceptor is **mounted** on the safe for receiving and dispensing paper
  currency. A coin changer is **mounted** on the safe for receiving and
  dispensing coins. A control Unit is operatively coupled to...

...validation system 10 for use with a point of sale system 12 to provide a
  self service checkout system 14. The cash validation system Io
  includes a safe 30 having a door lock 32 and door sensors 34. A bill
  dispenser and acceptor 52 is **mounted** on the safe for receiving and
  dispensing paper currency. A coin changer 44 is **mounted** on the safe 30
  for receiving and dispensing coins. The control unit 36 is operatively...

Claim
... A cash validation system for use with a point of sale system to
  provide
  a **self service checkout** system, comprising:
  a safe having a door lock and door sensors;
  a bill dispenser and acceptor **mounted** on the safe for receiving and
  dispensing
  paper currency;
  a coin changer **mounted** on the safe for receiving and dispensing coins;
  a control unit operatively coupled to the...

DIALOG(R)File 349:PCT FULLTEXT
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00973325   **Image available**
IMPROVED SELF-CHEKOUT APPARATUS
SYSTEME D'AUTO-CONTROLE AMELIORE
Patent Applicant/Assignee:
  PRODUCTIVITY SOLUTIONS INC, Suite 509, 10550 Deerwood Park Boulevard,
    Jacksonville, FL 32256, US, US (Residence), US (Nationality)
Inventor(s):
  LEE Mike, Productivity Solutions, Inc., Suite 509, 10550 Deerwood Park
    Boulevard, Jacksonville, FL 32256, US,
  KURTZ Chuck, Productivity Solutions, Inc., Suite 509, 10550 Deerwood Park
    Boulevard, Jacksonville, FL 32256, US,
  WALLACE Ron, Productivity Solutions, Inc., Suite 509, 10550 Deerwood Park
    Boulevard, Jacksonville, FL 32256, US,
  DICKOVER Scott, Productivity Solutions, Inc., Suite 509, 10550 Deerwood
    Park Boulevard, Jacksonville, FL 32256, US,
  RADZIMSKI Mike, Productivity Solutions, Inc., Suite 509, 10550 Deerwood
    Park Boulevard, Jacksonville, FL 32256, US,
  DICKOVER Wes, Productivity Solutions, Inc., Suite 509, 10550 Deerwood
    Park Boulevard, Jacksonville, FL 32256, US,
  MARTIN Scott, Productivity Solutions, Inc., Suite 509, 10550 Deerwood
    Park Boulevard, Jacksonville, FL 32256, US,
  NESBIT Terry, Productivity Solutions, Inc., Suite 509, 10550 Deerwood
    Park Boulevard, Jacksonville, FL 32256, US,
  WILLIAMS Derek, Productivity Solutions, Inc., Suite 509, 10550 Deerwood
    Park Boulevard, Jacksonville, FL 32256, US,
  ALLARD John, Productivity Solutions, Inc., Suite 509, 10550 Deerwood Park
    Boulevard, Jacksonville, FL 32256, US,
Legal Representative:
  HOPKINS Brian P (agent), Mintz, Levin, Cohn, Ferris, Glovsky and Popeo,
    P.C., One Financial Center, Boston, MA 02111, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200303322 A2-A3 20030109 (WO 0303322)
  Application: WO 2002US20561 20020627 (PCT/WO US02020561)
  Priority Application: US 2001301714 20010628; US 2001943432 20010807
Designated States:
(Protection type is "patent" unless otherwise stated - for applications

prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
  EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
  SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 7743

Fulltext Availability:
  Claims

Claim
... the payment by the customer of said total price using a payment
acceptor.

13 The **self - checkout** system according to claim 1, wherein said **input**
means comprises a UPC **scanner** .

14 The **self - checkout** system according to claim 1,

14/3,K/19 **(Item 19 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
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00904218 **Image available**
**SELF-CHECKOUT METHOD AND APPARATUS INCLUDING GRAPHIC INTERFACE FOR NON-BAR
CODED ITEMS**
**PROCEDE ET APPAREIL D'AUTO-VERIFICATION COMPRENANT UNE INTERFACE GRAPHIQUE
POUR ARTICLES SANS CODE-BARRES**
Patent Applicant/Assignee:
 OPTIMAL ROBOTICS CORP, 4700 de la Savane, Suite 101, Montreal, Quebec H4P
 1T7, CA, CA (Residence), CA (Nationality)
Inventor(s):
 JACOBS Eric L L, 123-14 Vanguard Avenue, Pointe Claire, Quebec H9R 3T4,
 CA,
Legal Representative:
 HUNT John C (agent), Blake, Cassels & Graydon LLP, Box 25, Commerce Court
 West, Toronto, Ontario M5L 1A9, CA,
Patent and Priority Information (Country, Number, Date):
 Patent: WO 200237432 A2-A3 20020510 (WO 0237432)
 Application: WO 2001IB1716 20010801 (PCT/WO IB0101716)
 Priority Application: US 2000244234 20001030; US 2000710137 20001110
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
 AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
 LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL
 TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
 (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR .
 (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
 (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
 (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 5395

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
 Detailed Description

Detailed Description
... item that does not have a bar code. For example, when
 a shopper at the **self - checkout** terminal places an item on
 scale 304, a **GUI** **screen** shown in for example FIG. I by
 default is displayed on the display. the GUI...
...are provided, the customer is easily able
 to identify the product that is on the **scale** . Display 302a

preferably is a touch **screen** display. Other displays
coupled with a pointer ...coded (as well
as other) items is provided on a touch screen display of a
 self - checkout terminal. The GUI for the processing of non
bar coded items, such as produce items...

...terminal and then selects the
image of the non-bar coded item displayed by the **GUI** on the
touch **screen** **monitor** . The **scale** may be integrated with a
bar code **scanner** such that the integrated device provides
the functions of a scanner as well as a scale. A
processing unit of the **self - checkout** terminal automatically
assigns a price to the item based on the PLU code of the...

14/AN,AZ,TI/1   (Item 1 from file: 348)

01436911
Method and apparatus for operating a self-service checkout terminal to
    access a customer account
Verfahren und Vorrichtung zum Betrieb eines Selbstbedienungsabrechnungsterm
    inals zum Zugriff an einem Kundenkonto
Systeme et procede de fonctionnement d'un terminal de caisse
    d'enregistrement en libre-service pour acceder a un compte-client
APPLICATION (CC, No, Date):   EP 2001309043 011024;
PRIORITY (CC, No, Date): US 749158 001227

14/AN,AZ,TI/2   (Item 2 from file: 348)

01163444
Method and apparatus for operating a retail terminal to display a price of
    an item in a number of different national currencies and/or different
    measurement systems
Verfahren und Vorrichtung zum Betrieb eines Verkaufsendgerats mit Anzeige
    eines Preises in verschiedenen nationalen Munzwahrungen und/oder
    verschiedenen Messystemen
Methode et dispositif pour l'operation d'un terminal de vente affichant le
    prix d'un article dans un nombre de monnaies nationales differentes
    et/ou des systemes de mesure differents
APPLICATION (CC, No, Date):   EP 99310283 991221;
PRIORITY (CC, No, Date): US 217723 981221; US 217537 981221

14/AN,AZ,TI/3   (Item 3 from file: 348)

01163397
Method of and apparatus for maintaining a customer loyalty program on a
    smart card
Verfahren und Vorrichtung zum Verwalten eines Kundentreueverfahrens auf
    einer Chipkarte
Methode et dispositif pour maintenir un programme de fidelisation de client
    base sur une carte a puce
APPLICATION (CC, No, Date):   EP 99310201 991217;
PRIORITY (CC, No, Date): US 217543 981221

14/AN,AZ,TI/4   (Item 4 from file: 348)

01138925
Apparatus and method for deactivating electronic article surveillance tag
    in a retail self-checkout terminal
Vorrichtung und Verfahren zur Deaktivierung von elektronischen
    Warenuberwachungsetiketten in einem Verkaufsabrechnungsterminal
Dispositif et procede de deactivation d'etiquettes electroniques de
    surveillance d'article dans un terminal de vente
APPLICATION (CC, No, Date):   EP 99307857 991006;
PRIORITY (CC, No, Date): US 173366 981015

14/AN,AZ,TI/5   (Item 5 from file: 348)

01134547
Method and apparatus for displaying a customized advertising message with a retail terminal
Verfahren und Apparat zum Anzeigen von kundenspezifischen Werbenachrichten auf einem Verkaufsendgerat
Methode et appareil pour l'affichage de messages publicitaires personalises sur un terminal de vente
APPLICATION (CC, No, Date):   EP 99307703 990929;
PRIORITY (CC, No, Date): US 164099 980930

14/AN,AZ,TI/6   (Item 6 from file: 348)

01134475
Method and apparatus for compiling a retail survey with a retail terminal
Verfahren und Vorrichtung zum Erstellen einer Kundendaten-Marktubersicht mittels eines Verkaufsendgerates
Procede et appareil de compilation d'un sondage aupres de la clientele du distributeur au moyens d'un terminal de vente
APPLICATION (CC, No, Date):   EP 99307376 990917;
PRIORITY (CC, No, Date): US 164097 980930

14/AN,AZ,TI/7   (Item 7 from file: 348)

01085369
Method of monitoring item shuffling in a post-scan area of a self-service checkout terminal
Verfahren zur Uberwachung des Hin- und Herschiebens von Gegenstanden im Nachabtastbereich eines Selbstbedienungsabrechnungsterminals
Methode pour la surveillance du brassage d'articles dans la zone post-lecture de codes d'un terminal d'enregistrement d'articles en sortie en usage libre-service
APPLICATION (CC, No, Date):   EP 99303392 990429;
PRIORITY (CC, No, Date): US 71024 980501

14/AN,AZ,TI/8   (Item 8 from file: 348)

01069210
Method for providing security and enhancing efficiency during operation of a self-service checkout terminal
Verfahren zum Gewahren der Sicherheit und zur Verbesserung der Effizienz wahrend des Betriebes eines Selbstbedienungs-Abrechnungsterminals
Methode pour assurer la securite et ameliorer l'efficacite pendant le fonctionnement d'un terminal de caisse d'enregistrement en libre-service
APPLICATION (CC, No, Date):   EP 99301360 990224;
PRIORITY (CC, No, Date): US 32933 980302

14/AN,AZ,TI/9   (Item 9 from file: 348)

01045216
Method and apparatus for reducing loss by unregistered articles during
    operation of a self-service checkout terminal
Verfahren und Vorrichtung zur Verminderung von Verlusten durch
    unregistrierte Artikel beim Betrieb eines Selbstbedienungsabrechnungste
    rminals
Methode et dispositif pour reduire les pertes occasionees par les articles
    non-enregistres pendant les operations d'un terminal d'enregistrement
    de supermarche en self-service
APPLICATION (CC, No, Date):   EP 98310219 981214;
PRIORITY (CC, No, Date): US 991060 971215

14/AN,AZ,TI/10   (Item 10 from file: 348)

01004263
Method and apparatus for providing security to a self-service checkout
    terminal
Verfahren und Vorrichtung zur Sicherheitsvorkehrung fur einen
    Selbstbedienungs-Endschalter
Methode et dispositif pour preparatifs de securite pour un terminal final a
    libre service
APPLICATION (CC, No, Date):   EP 98306760 980824;
PRIORITY (CC, No, Date): US 939868 970929

14/AN,AZ,TI/11   (Item 11 from file: 348)

00893573
Checkout apparatus and method
Auszahlvorrichtung und -verfahren.
Dispositif et methode d'enregistrement d'articles en sortie
APPLICATION (CC, No, Date):   EP 97304363 970620;
PRIORITY (CC, No, Date): US 673641 960625

14/AN,AZ,TI/12   (Item 12 from file: 348)

00513056
Self-serve checkout system.
Selbstbedienungsregistrierkasse.
Systeme d'enregistrement d'achats en libre-service.
APPLICATION (CC, No, Date):   EP 92101608 920131;
PRIORITY (CC, No, Date): US 650167 910204

14/AN,AZ,TI/13   (Item 13 from file: 349)

01231987
SELF-CHECKOUT SYSTEM WITH BIOMETRIC DATA PROCESSING
SYSTEME DE CAISSE AUTOMATIQUE UTILISANT UN TRAITEMENT DE DONNEES
    BIOMETRIQUES
    Application: WO 2004US32582 20041004   (PCT/WO US04032582)

   14/AN,AZ,TI/14   (Item 14 from file: 349)
DIALOG(R)File 349:(c) 2005 WIPO/Univentio. All rts. reserv.

01177713
SELF SERVICE CHECKOUT SYSTEM
SYSTEME DE VERIFICATION POUR LIBRE-SERVICE
    Application: WO 2003US37737 20031124   (PCT/WO US03037737)

   14/AN,AZ,TI/15   (Item 15 from file: 349)
DIALOG(R)File 349:(c) 2005 WIPO/Univentio. All rts. reserv.

01168945
OBTAINING PRODUCT ITEM ASSISTANCE
OBTENTION D'ASSISTANCE CONCERNANT UN PRODUIT
    Application: WO 2004AU437 20040402   (PCT/WO AU04000437)

   14/AN,AZ,TI/16   (Item 16 from file: 349)
DIALOG(R)File 349:(c) 2005 WIPO/Univentio. All rts. reserv.

00979229
BIOMETRIC SYSTEM AND METHOD FOR IDENTIFYING A CUSTOMER UPON ENTERING A
    RETAIL ESTABLISHMENT
SYSTEME ET PROCEDE BIOMETRIQUE SERVANT A IDENTIFIER UN CLIENT A SON ENTREE
    DANS UN POINTE DE VENTE AU DETAIL
    Application: WO 2002US22145 20020711   (PCT/WO US0222145)

   14/AN,AZ,TI/17   (Item 17 from file: 349)
DIALOG(R)File 349:(c) 2005 WIPO/Univentio. All rts. reserv.

00975345
CHECKOUT SYSTEM WITH A FLEXIBLE SECURITY VERIFICATION SYSTEM
SYSTEME DE VERIFICATION GENERALE AVEC SYSTEME DE VERIFICATION DE SECURITE
    SOUPLE
    Application: WO 2002US20957 20020701   (PCT/WO US0220957)

   14/AN,AZ,TI/18   (Item 18 from file: 349)
DIALOG(R)File 349:(c) 2005 WIPO/Univentio. All rts. reserv.

00973325
IMPROVED SELF-CHEKOUT APPARATUS
SYSTEME D'AUTO-CONTROLE AMELIORE
    Application: WO 2002US20561 20020627   (PCT/WO US02020561)

   14/AN,AZ,TI/19   (Item 19 from file: 349)
DIALOG(R)File 349:(c) 2005 WIPO/Univentio. All rts. reserv.

00904218
SELF-CHECKOUT METHOD AND APPARATUS INCLUDING GRAPHIC INTERFACE FOR NON-BAR
**   CODED ITEMS**
PROCEDE ET APPAREIL D'AUTO-VERIFICATION COMPRENANT UNE INTERFACE GRAPHIQUE
**   POUR ARTICLES SANS CODE-BARRES**
   Application: WO 2001IB1716 20010801   (PCT/WO IB0101716)

 14/AN,AZ,TI/20   (Item 20 from file: 349)
DIALOG(R)File 349:(c) 2005 WIPO/Univentio. All rts. reserv.

00830839
METHOD AND APPARATUS FOR PRESENTING AND SELECTING PRODUCT AGREEMENTS
PROCEDE ET DISPOSITIF DE PRESENTATION ET DE SELECTION D'ACCORDS DE PRODUIT
   Application: WO 2001US5503 20010222   (PCT/WO US0105503)

 14/AN,AZ,TI/21   (Item 21 from file: 349)
DIALOG(R)File 349:(c) 2005 WIPO/Univentio. All rts. reserv.

00757120
LOCATION ENHANCED INFORMATION DELIVERY SYSTEM
SYSTEME AMELIORE DE DISTRIBUTION D'INFORMATIONS DE LOCALISATION
   Application: WO 2000US13858 20000519   (PCT/WO US0013858)

```
? show files;ds
File  35:Dissertation Abs Online 1861-2005/Jul
          (c) 2005 ProQuest Info&Learning
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
          (c) 2002 The Gale Group      .
File  65:Inside Conferences 1993-2005/Aug W2
          (c) 2005 BLDSC all rts. reserv.
File   2:INSPEC 1969-2005/Aug W1
          (c) 2005 Institution of Electrical Engineers
File 256:TecInfoSource 82-2005/Jul
          (c) 2005 Info.Sources Inc
File  99:Wilson Appl. Sci & Tech Abs 1983-2005/Jul
          (c) 2005 The HW Wilson Co.
File 474:New York Times Abs 1969-2005/Aug 15
          (c) 2005 The New York Times
File 475:Wall Street Journal Abs 1973-2005/Aug 15
          (c) 2005 The New York Times


Set     Items    Description
S1        72     (SELF OR SELF()SERV??? OR DO()IT()YOURSELF OR DIY)(N)(CHEC-
                 KOUT? ? OR CHECKSTAND? ? OR CHECK()(OUT? ? OR STAND? ?) OR CA-
                 SH()REGISTER? ? OR ECR OR EPOS OR CASHREGISTER? ? OR RING???(-
                 )UP OR RINGUP)
S2    608700     GUI OR INPUT? ? OR INPUTT??? OR (USER OR GRAPHIC??)(2W)(IN-
                 TERFACE? ? OR INTERACT? OR CONNECT? OR DISPLAY? ?) OR SCREEN?
                 ? OR MONITOR? ? OR TOUCHPAD? ? OR TOUCHSCREEN? ? OR KEYBOARD?
                 ? OR KEYPAD? ? OR (KEY OR TOUCH)()(PAD? ? OR BOARD? ?)
S3     38933     SCANNER? ? OR WAND??? OR (LABEL? OR TAG? ? OR CODE? ? OR B-
                 ARCODE? ? OR UPC OR SKU)()READER? ? OR OCR
S4    538084     (BAG OR SACK OR PAPERBAG)()(RETAINER? ? OR HOLDER? ? OR FR-
                 AME? ? OR SUPPORT? ? OR BRACE? ? OR BRACING OR BRACKET? ?) OR
                 SCALE? ? OR WEIGHT(2N)VERIFI? OR BASKET? ?
S5    494833     NARROW OR (SAVE? ? OR SAVING OR LITTLE)(2N)(SPACE OR ROOM)
                 OR (SMALL OR ZERO)()FOOTPRINT OR SLENDER OR SLIM OR MOUNTED OR
                 COMPACT OR VERTICAL?? OR STACK???
S6      5712     S2(10N)(S3 OR S4)
S7         0     S1(S)S5(S)S6
S8         0     S1 AND S5 AND S6
S9     27601     S2 AND (S3 OR S4)
S10        0     S1 AND S5 AND S9
S11        1     S1(S)(S5 OR S6)
S12        4     S1 AND (S5 OR S9)
S13        1     S12 NOT PY>2001
```

Considered 897 8/19/05

13/3,K/1   (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

04624538
Checking out new shopping technology
  EUROPE - **SELF** - **CHECK**   **OUT** SYSTEMS ON THE WAY FROM THE US
European (TEU)   10 November 1991 p25

  EUROPE - **SELF** - **CHECK**   **OUT** SYSTEMS ON THE WAY FROM THE US

A   **self** - **check**   **out** system, in which customers scan their own goods, is
being used in a number of...

... 50% the number of till assistants needed. The Albert Heijn experimental
store, Tilburg, Netherlands, has **scanners** attached to trolleys, enabling
customers to scan the items as they are removed from the...

... the check-out. Also set to arrive from the US are trolleys with
radio-controlled **screens** acting as store guides. ICL Retail Systems
president Mr John Davison forecasts **self** - **check** - **out** systems will be
installed in Europe by 1993.

```
? show files;ds
File  15:ABI/Inform(R) 1971-2005/Aug 16
         (c) 2005 ProQuest Info&Learning
File   9:Business & Industry(R) Jul/1994-2005/Aug 15
         (c) 2005  The Gale Group
File 610:Business Wire 1999-2005/Aug 16
         (c) 2005 Business Wire.
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File  20:Dialog Global Reporter 1997-2005/Aug 16
         (c) 2005 Dialog
File 476:Financial Times Fulltext 1982-2005/Aug 16
         (c) 2005 Financial Times Ltd
File 275:Gale Group Computer DB(TM) 1983-2005/Aug 16
         (c) 2005 The Gale Group


Set     Items    Description
S1       3188    (SELF OR SELF()SERV??? OR DO()IT()YOURSELF OR DIY)(N)(CHEC-
                 KOUT? ? OR CHECKSTAND? ? OR CHECK()(OUT? ? OR STAND? ?) OR CA-
                 SH()REGISTER? ? OR ECR OR EPOS OR CASHREGISTER? ? OR RING???(-
                 )UP OR RINGUP)
S2     2188887   GUI OR INPUT? ? OR INPUTT??? OR (USER OR GRAPHIC??)(2W)(IN-
                 TERFACE? ? OR INTERACT? OR CONNECT? OR DISPLAY? ?) OR SCREEN?
                 ? OR MONITOR? ? OR TOUCHPAD? ? OR TOUCHSCREEN? ? OR KEYBOARD?
                 ? OR KEYPAD? ? OR (KEY OR TOUCH)()(PAD? ? OR BOARD? ?)
S3      224216   SCANNER? ? OR WAND??? OR (LABEL? OR TAG? ? OR CODE? ? OR B-
                 ARCODE? ? OR UPC OR SKU)()READER? ? OR OCR
S4     1491113   (BAG OR SACK OR PAPERBAG)()(RETAINER? ? OR HOLDER? ? OR FR-
                 AME? ? OR SUPPORT? ? OR BRACE? ? OR BRACING OR BRACKET? ?) OR
                 SCALE? ? OR WEIGHT(2N)VERIFI? OR BASKET? ?
S5     1353451   NARROW OR (SAVE? ? OR SAVING OR LITTLE)(2N)(SPACE OR ROOM)
                 OR (SMALL OR ZERO)()FOOTPRINT OR SLENDER OR SLIM OR MOUNTED OR
                 COMPACT OR VERTICAL?? OR STACK???
S6       23023   S2(10N)(S3 OR S4)
S7           2   S1(S)S5(S)S6
S8         125   S1(S)(S5 OR S6)
S9          98   S1(S)S5
S10         29   S1(S)S6
S11         31   S1(10N)S5
S12         32   S1(7N)(S5 OR S6)
S13      51843   S2(S)(S3 OR S4)
S14          2   S1(S)S5(S)S13
S15         33   S12 OR S14
S16         15   S15 NOT PY>2001
S17         15   S16 NOT PD=20011227:20050930
S18         12   RD (unique items)
```

*Considered
gef 8/19/05*

18/3,K/1   (Item 1 from file: 15)

02012382 52603410
Food Lion automates checkout
Anonymous
Chain Store Age v76n4 PP: 90-92 Apr 2000
ISSN: 1087-0601 JRNL CODE: CSA
WORD COUNT: 1192

...TEXT: a traditional lane to handle heavy volume at peak times. Also new from NCR, the **compact** **Self - Checkout** E-Series features a **small - footprint** -it's 28 in. wide and 88 in. long-for a, low profile and easy...

18/3,K/3   (Item 1 from file: 9)

01831858 Supplier Number: 24622737   (USE FORMAT 7 OR 9 FOR FULLTEXT)
Self-Checkout Test Planned At Brookshire Grocery Units
(Brookshire Grocery is testing its self-checkout technology with launch of
  stationary units at two locations)
Supermarket News, v 47, n 17, p 21+
April 26, 1999
DOCUMENT TYPE: Journal ISSN: 0039-5803 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 408

     (USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...The self-checkout units, provided by NCR, Dayton, Ohio, are equipped with a multimedia touch **screen** , an automated teller machine, a **scale ,** **scanner** and security cameras. Customers begin the **self - checkout** experience by either pressing a "start" icon on the touch screen, or by · simply starting...

18/3,K/4   (Item 1 from file: 610)

00506738 20010425115B6472 (USE FORMAT 7 FOR FULLTEXT)
Optimal Robotics Develops Compact U-Scan Solo;From Big-box to Small Retail Stores, U-Scan Self-checkout Systems Can Fit Anywhere
Business Wire
Wednesday, April 25, 2001 07:03 EDT
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 530

...technology applications for the convenience store industry.

"We are confident in the prospects for the **compact** Solo to penetrate additional markets and expand **self - checkout** technology into convenience

stores
and drugstores," said Karp. "Retailers of all sizes are striving to...

18/3,K/5   (Item 2 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2005 Business Wire. All rts. reserv.

00465185 20010218049B3950 (USE FORMAT 7 FOR FULLTEXT)
PSC Inc. and Kyrus Corp. Announce 'QUICKcheck,' Next Generation Self-Checkout System; Seamless Integration Without Physical or Procedural Disruptions
Business Wire
Sunday, February 18, 2001 11:00 EST
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 710

TEXT:
...largest provider of point-of-sale (POS)
systems, today unveiled QUICKcheck(TM), a next generation **self - checkout**
system.
The **compact** QUICKcheck footprint allows retailers to save space and
easily
integrate the system into a store...

18/3,K/9   (Item 3 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 Dialog. All rts. reserv.

15033415 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Updated Story
PR NEWSWIRE
February 07, 2001
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 339

   (USE FORMAT 7 OR 9 FOR FULLTEXT)

     The order includes a combination of the NCR **Self - Checkout** E
Series, a **small footprint** unit with multiple configuration and payment
options, and the NCR Self-Checkout C Series, the...

18/3,K/11   (Item 5 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 Dialog. All rts. reserv.

02808448 (USE FORMAT 7 OR 9 FOR FULLTEXT)
PSC Introduces 13 New Products at Scan-Tech
PR NEWSWIRE
September 14, 1998   14:43
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 701

     ... industrial handheld scanner, retail handheld and fixed position
scanners, scan engines, industrial automation systems and **compact**

U-Scan(R) Express **self - checkout** system.
    "These new products are characterized by their reliability,
exceptional performance and very affordable prices...

18/AA,AN,TI/1   (Item 1 from file: 15)

02012382 52603410
Food Lion automates checkout

18/AA,AN,TI/2   (Item 2 from file: 15)

01728974 03-79964
Customer satisfaction: Improve supply chain to enchance quality

18/AA,AN,TI/3   (Item 1 from file: 9)

01831858 Supplier Number: 24622737
Self-Checkout Test Planned At Brookshire Grocery Units

18/AA,AN,TI/4   (Item 1 from file: 610)

20010425115B6472
Optimal Robotics Develops Compact U-Scan Solo;From Big-box to Small Retail Stores, U-Scan Self-checkout Systems Can Fit Anywhere

18/AA,AN,TI/5   (Item 2 from file: .610)

20010218049B3950
PSC   Inc.   and   Kyrus   Corp.   Announce 'QUICKcheck,' Next Generation Self-Checkout System; Seamless Integration Without Physical or Procedural Disruptions

18/AA,AN,TI/6   (Item 3 from file: 610)

19990602153B1231
RFID Intelligent Library System Delivers Patron Self Service Through New Technology

18/AA,AN,TI/7   (Item 1 from file: 20)

17332913
NCR Supplies Self-Checkout to Kmart

18/AA,AN,TI/8   (Item 2 from file: 20)

15743382

NCR Sees Self-Checkout Gaining Momentum in Europe, Driven by Shopper Enthusiasm and Return on Investment

18/AA,AN,TI/9   (Item 3 from file: 20)
DIALOG(R)File 20:(c) 2005 Dialog. All rts. reserv._

15033415
Updated Story

18/AA,AN,TI/10   (Item 4 from file: 20)
DIALOG(R)File 20:(c) 2005 Dialog. All rts. reserv.

15033387
Wakefern to Install NCR Self-Checkout Systems

18/AA,AN,TI/11   (Item 5 from file: 20)
DIALOG(R)File 20:(c) 2005 Dialog. All rts. reserv.

02808448
PSC Introduces 13 New Products at Scan-Tech

18/AA,AN,TI/12   (Item 1 from file: 275)
DIALOG(R)File 275:(c) 2005 The Gale Group. All rts. reserv.

02032751   SUPPLIER NUMBER: 19107879
NCR LAUNCHES IN-STORE WIRELESS NETWORK FOR PRICING.

? show files;ds
File 621:Gale Group New Prod.Annou.(R) 1985-2005/Aug 16
        (c) 2005 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2005/Aug 15
        (c) 2005 The Gale Group
File 16:Gale Group PROMT(R) 1990-2005/Aug 15
        (c) 2005 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
        (c) 1999 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2005/Aug 16
        (c)2005 The Gale Group
File 624:McGraw-Hill Publications 1985-2005/Aug 16
        (c) 2005 McGraw-Hill Co. Inc
File 613:PR Newswire 1999-2005/Aug 16
        (c) 2005 PR Newswire Association Inc
File 813:PR Newswire 1987-1999/Apr 30
        (c) 1999 PR Newswire Association Inc
File 634:San Jose Mercury Jun 1985-2005/Aug 15
        (c) 2005 San Jose Mercury News
File 475:Wall Street Journal Abs 1973-2005/Aug 15
        (c) 2005 The New York Times
File 13:BAMP 2005/Aug W1
        (c) 2005 The Gale Group
File 56:Computer and Information Systems Abstracts 1966-2005/Jul
        (c) 2005 CSA.
File 75:TGG Management Contents(R) 86-2005/Aug W1
        (c) 2005 The Gale Group
File 995:NewsRoom 2001
        (c) 2005 Dialog
File 996:NewsRoom 2000
        (c) 2005 Dialog

Set   Items   Description
S1   5264   (SELF OR SELF()SERV??? OR DO()IT()YOURSELF OR DIY)(N)(CHEC-
                 KOUT? ? OR CHECKSTAND? ? OR CHECK()(OUT? ? OR STAND? ?) OR CA-
                 SH()REGISTER? ? OR ECR OR EPOS OR CASHREGISTER? ? OR RING???(-
)UP OR RINGUP)
S2   3268042 GUI OR INPUT? ? OR INPUTT??? OR (USER OR GRAPHIC??)(2W)(IN-
                 TERFACE? ? OR INTERACT? OR CONNECT? OR DISPLAY? ?) OR SCREEN?
                 ? OR MONITOR? ? OR TOUCHPAD? ? OR TOUCHSCREEN? ? OR KEYBOARD?
                 ? OR KEYPAD? ? OR (KEY OR TOUCH)()(PAD? ? OR BOARD? ?)
S3   341542   SCANNER? ? OR WAND??? OR (LABEL? OR TAG? ? OR CODE? ? OR B-
                 ARCODE? ? OR UPC OR SKU)()READER? ? OR OCR
S4   1938926 (BAG OR SACK OR PAPERBAG)()(RETAINER? ? OR HOLDER? ? OR FR-
                 AME? ? OR SUPPORT? ? OR BRACE? ? OR BRACING OR BRACKET? ?) OR
                 SCALE? ? OR WEIGHT(2N)VERIFI? OR BASKET? ?
S5   2153355 NARROW OR (SAVE? ? OR SAVING OR LITTLE)(2N)(SPACE OR ROOM)
                 OR (SMALL OR ZERO)()FOOTPRINT OR SLENDER OR SLIM OR MOUNTED OR
                 COMPACT OR VERTICAL?? OR STACK???
S6   38415   S2(10N)(S3 OR S4)
S7   0   S1(S)S5(S)S6
S8   80006   S2(S)(S3 OR S4)
S9   20   S1(2S)S5(2S)S8
S10   87   S1(10N)(S5 OR S6)
S11   67   S1(10N)S5
S12   20   S1(10N)S6
S13   58   S1(7N)S5
S14   2   S2(S)S11
S15   36   S2 AND S11
S16   74   S9 OR S12 OR S15

Caryn S. Wesner-Early EIC 3600   16-Aug-05   page 1

```
S17        32   S16 NOT PY>2001
S18        32   S17 NOT PD=20011227:20050930
S19        13   RD (unique items)
```

Considered CW
8/19/05

19/3,K/3   (Item 3 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2005 The Gale Group. All rts. reserv.

02197507   Supplier Number: 56216544 (USE FORMAT 7 FOR FULLTEXT)
Turkey's Largest Retailer Introduces Europe to Convenience of Self-Service
   Retailing.
PR Newswire, p4504
Oct 12, 1999
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 646

...   can make shopping more convenient and productive for consumers.
     NCR Corporation's easy-to-use **self** - **checkout** solution has been
installed in the newest Migros Hypermarket, which is located in a brand...

...in the heart of Ankara. Migros is the first retailer in Europe to
install a **self** - **checkout** system that allows shoppers to scan, bag and
pay for purchases without cashier assistance.
     Migros...

...to help shoppers find price information and to provide bonus rewards to
loyal customers. The **compact** NCR web kiosk is internet-enabled for
electronic commerce, has a touch **screen** and built-in **scanner** , and is
designed to provide convenient customer service nearly anywhere in a store.
     . "Migros places...

...are making their shopping experience even better," said Bulend
Ozaydinli, general manager of Migros Turk. " **Self** - **checkout** is an option
for our customers when the traditional checkout lanes are busy and they...

...more opportunities to interact and build stronger relationships with
shoppers."
     Migros is currently installing NCR **self** - **checkout** at four other
Migros stores, in Istanbul, and the company anticipates having a total of
...

19/3,K/6   (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

01271914   Supplier Number: 41385622 (USE FORMAT 7 FOR FULLTEXT)
IBM ANNOUNCEMENTS
Computergram International, n1445, pN/A
June 13, 1990
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1021

...   groceries and interfaces with the IBM 4680 Store System. The system
uses laser bar code **scanners** and a proprietary merchandise security
system. It consists of the machine stations, a central computer to manage
and **monitor** the operation of **self** - **checkout** stations and communicate
with the supermarket's point-of-sale system, and one or more...

...code labels identifying merchandise passed over the device for the

computers; a colour video touch **screen** that guides shoppers through the use of the system and displays a description of the...

...purchased, their prices and a running subtotal for the transaction; in stations equipped with a **scanner** **scale** , there is a related Produce **Key Pad** and Video Produce **Screen** for handling produce and other variable weight bulk items; a proprietary merchandise security system that...

...7,000. A Manager's Access Console is $4,800, and a custom bulk item **screen** package with one to five **screens** is $10,000. Extra **screens** cost $1,000, a hand-held **scanner** is $800, and the cable trough is $190.
　　IBM markets Wallace's Lasermax system
　　The...

...line modules. The Roll Feeder unit can be used in conjunction with the Burster/Trimmer-/ **Stacker** on the 3800 Page Printer. It feeds large-capacity 50" diameter paper rolls to provide...

19/3,K/7   (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

09188293   Supplier Number: 61836424   (USE FORMAT 7 FOR FULLTEXT)
The front-end frontier.(new supermarket point of sale technology)
Hennessy, Terry
Progressive Grocer, v79, n4, p93
April, 2000
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 2046

...   the show-stealer at the recent MarkeTechnics 2000 show in San Francisco was a convertible **scanner** from NCR that can be used as either a traditional cashier station or a **self - checkout** station. "NCR's convertible **self - checkout** makes a lot of sense for our stores," says Mike Miller, Andronico's director of...

...We use U-shape cashier stations, and in that configuration we could have one person **monitor** two stations.
　　The first retailer to install the NCR system, called the NCR C Series...

...a full ATM system, with scanner and bagging. The new E and C Series are **compact** versions with or without a payment module--cash, check, debit or credit card."
　　The strongest...

...to retailers and the manufacturer. "The C Series is designed for retailers who want a **self - checkout** , but can't afford to give up a lane," Kramer says. "The touch **screen** simply turns around and becomes a display when a cashier runs the lane."
　　One of the problems with **self - checkout** systems is that they are slower than manual cashier stations. " **Self - checkout** stations are only about half as fast as a cashier," says Tracy Flynn, NCR'S...

...who use eight lanes a day can't afford to use one lane for just **self - checkout** ."

The cost of the NCR C Series varies depending on components, configuration and volume, but...

19/3,K/9   (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06326945   Supplier Number: 54591528   (USE FORMAT 7 FOR FULLTEXT)
SELF-CHECKOUT TEST PLANNED AT BROOKSHIRE GROCERY UNITS.(Brief Article)
AMATO-McCOY, DEENA
Supermarket News, p21(1)
April 26, 1999
Language: English   Record Type: Fulltext
Article Type: Brief Article
Document Type: Magazine/Journal; Trade
Word Count: 417

...   The self-checkout units, provided by NCR, Dayton, Ohio, are equipped with a multimedia touch **screen** , an automated teller machine, a **scale** , **scanner** and security cameras. Customers begin the **self** - **checkout** experience by either pressing a "start" icon on the touch **screen** , or by simply starting to move items over the **scanner** .
        The interactive **screen** prompts customers throughout the checkout process, including scanning items, weighing produce as well as voiding...

19/3,K/10   (Item 4 from file: 16)
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05524249   Supplier Number: 48372861   (USE FORMAT 7 FOR FULLTEXT)
BALLS GETTING GOOD RESULTS WITH SELF-SCANNING TECHNOLOGY
AMATO-McCOY, DEENA
Supermarket News, p19
March 23, 1998
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 582

...   The units, provided by NCR, Dayton, Ohio, are equipped with security cameras, a multimedia touch **screen** , a **scale** and a **scanner** .
     Customers can either press a "start" icon on the touch **screen** or simply begin scanning their first item to activate the **self** - **checkout** unit. The interactive screen directs customers through the checkout process, and that includes weighing produce...

19/3,K/11   (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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05930743   SUPPLIER NUMBER: 12794827   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Chicago shows off its wares. (Food Marketing Institute's conference and grocery industry's exhibition)
Hobson, Steve
Super Marketing, n1023, p14(2)
May 22, 1992

...   Optimal 887 from Optimal Robotics of New York is based on a
touch-sensitive computer **screen** , two weighscales and a **scanner** , with a
video camera gazing **vertically** down on the operation to allow the
supervisor to keep an eye on proceedings.
     The...

19/3,K/12   (Item 1 from file: 995)

0268592173 15GT2U0E
Discount retailer Kmart strives to be time-saver via self-checkout
Muhammed El-Hasan ; BUSINESS WRITER
Daily Breeze, HOME ed, pD1
Friday, June 1, 2001
JOURNAL CODE: FGID LANGUAGE: English RECORD TYPE: Fulltext
DOCUMENT TYPE: Newspaper SECTION HEADING: BUSINESS
WORD COUNT: 829

She paused to look as she passed four computer **screens** , each with a price
 scanner . A sign at each terminal indicated that these were **self –
checkout** stations.

Nelson chose one, pressed the start bar on the touch-screen, and a
computerized...

19/AA,AN,TI/1   (Item 1 from file: 621)

02810426   Supplier Number: 70701095
**PSC Inc. and Kyrus Corp. Announce 'QUICKcheck,' Next Generation
  Self-Checkout System; Seamless Integration Without Physical or Procedural
  Disruptions.**

19/AA,AN,TI/2   (Item 2 from file: 621)

02446442   Supplier Number: 61380073
World's First 'Convertible' Self-Checkout Heads Family of Innovative
  Systems from NCR.

19/AA,AN,TI/3   (Item 3 from file: 621)

02197507   Supplier Number: 56216544
**Turkey's Largest Retailer Introduces Europe to Convenience of Self-Service
  Retailing.**

19/AA,AN,TI/4   (Item 4 from file: 621)

01888544   Supplier Number: 54775467
**RFID Intelligent Library System Delivers Patron Self Service Through New
  Technology.**

19/AA,AN,TI/5   (Item 1 from file: 636)

03455096   Supplier Number: 47118683
NCR LAUNCHES IN-STORE WIRELESS NETWORK FOR PRICING

19/AA,AN,TI/6   (Item 2 from file: 636)

01271914   Supplier Number: 41385622
IBM ANNOUNCEMENTS

19/AA,AN,TI/7   (Item 1 from file: 16)

09188293   Supplier Number: 61836424
The front-end frontier.(new supermarket point of sale technology)

19/AA,AN,TI/8   (Item 2 from file: 16)

07992910   Supplier Number: 62957586

Food Lion Automates Checkout.

   19/AA,AN,TI/9   (Item 3 from file: 16)
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06326945   Supplier Number: 54591528
SELF-CHECKOUT TEST PLANNED AT BROOKSHIRE GROCERY UNITS.(Brief Article)

   19/AA,AN,TI/10   (Item 4 from file: 16)
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05524249   Supplier Number: 48372861
BALLS GETTING GOOD RESULTS WITH SELF-SCANNING TECHNOLOGY

   19/AA,AN,TI/11   (Item 1 from file: 148)
DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

05930743   SUPPLIER NUMBER: 12794827
**Chicago shows off its wares. (Food Marketing Institute's conference and
   grocery industry's exhibition)**

   19/AA,AN,TI/12   (Item 1 from file: 995)
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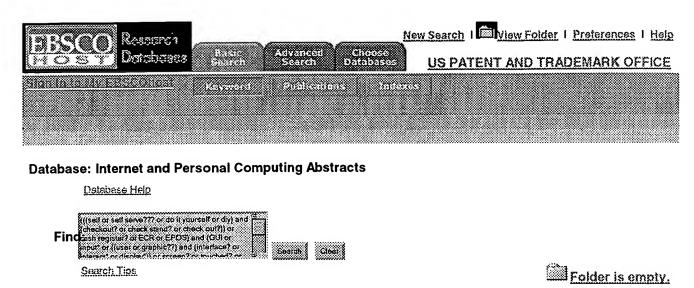
15GT2U0E
Discount retailer Kmart strives to be time-saver via self-checkout

   19/AA,AN,TI/13   (Item 2 from file: 995)
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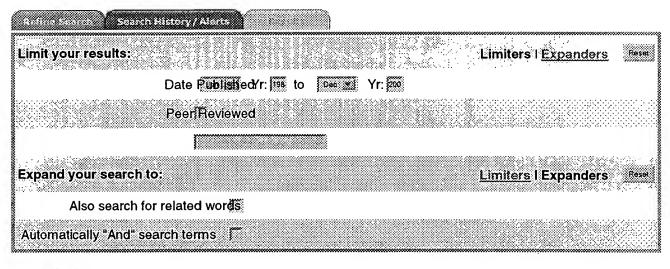
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